

Video

Video Input	1 x BNC, SDI 1 x HDMI Type A, HDMI 2.0b 1 x 3BNC, Component/Composite
-------------	---

Video Output	2 x BNC, SDI Program Out 1 x BNC, SDI Loop Out 1 x HDMI Type A, HDMI 2.0b
--------------	---

Supported Video Format

SDI Rate	12G, 6G, 3G, 1.5G, 270 Mb
----------	---------------------------

Supported Video Resolutions	SDI Input/Output: DCI 4K: 60/59.94/50/30/29.97/25/24/23.98 UHD 4K: 60/59.94/50/30/29.97/25/24/23.98 DCI 2K: 60/59.94/50/30/29.97/25/24/23.98 DCI 2KPsF: 30/29.97/25/24/23.98 UHD 2K: 60/59.94/50/30/29.97/25/24/23.98 1080p: 60/59.94/50/30/29.97/25/24/23.98 1080PsF: 30/29.97/25/24/23.98 1080i: 60/59.94/50 720p: 60/59.94/50 525i: 59.94 625i: 50 3D SDI Playback: DCI 4K: 30/29.97/25/24/23.98 DCI 2K: 60/59.94/50/30/29.97/25/24/23.98 DCI 2KPsF: 30/29.97/25/24/23.98 UHD 2K: 30/29.97/25/24/23.98 1080p: 60/59.94/50/30/29.97/25/24/23.98
-----------------------------	---

1080PsF: 30/29.97/25/24/23.98
1080i: 60/59.94/50
720p: 60/59.94/50

SDI Video Sampling 4:2:2, 4:4:4

SDI Color Precision 8-, 10-, 12-Bit RGB 4:4:4 in 2D Modes up to 4Kp30 DCI
8-, 10-Bit YUV 4:2:2 in All 2D Modes
8-, 10-, 12-Bit RGB 4:4:4 in 3D Modes up to 2Kp60 DCI
8-, 10-Bit YUV 4:2:2 in All 3D Modes

SDI Color Space Rec. 601, Rec. 709, Rec. 2020

SDI Compliance SMPTE 259M, SMPTE 274M, SMPTE 296M, SMPTE 424M, SMPTE 425M Level A and B
SMPTE 2036-1, SMPTE 2048-1, SMPTE 2081-10, SMPTE 2082-10, SMPTE ST2108-1

SDI Metadata Support RP 188/SMPTE 12M-2 and Closed Captioning

Supported Video Resolutions HDMI Input/Output:
DCI 4K:
60/59.94/50/30/29.97/25/24/23.98
UHD 2K:
60/59.94/50/30/29.97/25/24/23.98
1080p:
60/59.94/50/30/29.97/25/24/23.98
1080i: 60/59.94/50
720p: 60/59.94/50
525i: 59.94
625i: 50

3D HDMI Playback:
DCI 4K: 30/29.97/25/24/23.98
UHD 2K: 30/29.97/25/24/23.98
1080p:
60/59.94/50/30/29.97/25/24/23.98

1080i: 60/59.94/50
720p: 60/59.94/50

HDMI Video Sampling 4:4:4, 4:2:2, 4:2:0

HDMI Color Precision 8-, 10-, 12-Bit

Sync

Sync Input 1 x BNC, Tri-Sync/Black Burst

Interface

Thunderbolt 1 x Thunderbolt 3 Connector
Host Charging: 45 W

USB 1 x USB Type-C, USB 3.1 Gen 1 (Up to 5 Gb/s)

Control

Remote 1 x D-Sub 9, RS-422 (Sony Compatible)

Audio

Audio Input 2 x 1/4" RCA. Analog Audio
1 x 3-Pin XLR, Mic In (48 V Phantom Power Switchable via Software)

Audio Output	2 x BNC, 3G/HD/SD-SDI 1 x HDMI Type A
--------------	--

Embedded Audio	Input/Output: SDI: 16-Ch HDMI: 8-Ch
----------------	---

Audio Sampling	24-Bit, 48 kHz
----------------	----------------

Media

Card Reader Slot	1 x SD Card (UHS-I & UHS-II)
------------------	------------------------------

Supported Codecs

Supported Codecs	AVC-Intra, AVCHD, Canon XF MPEG2, Digital SLR DV-NTSC, DV-PAL, DVCPRO50, DVCPROHD, DPX HDV, HEVC, XDCAM EX, XDCAM HD, XDCAM HD422, DNxHR, DNxHD Apple ProRes 4444, 422 HQ, 422 Apple ProRes LT, Apple 422 Proxy Uncompressed: 8-Bit 4:2:2, 10-Bit 4:2:2, 10-Bit 4:4:4
------------------	--

General

Power Requirements, Internal	100 to 240 VAC
---------------------------------	----------------

Maximum Power Consumption	75.3 W
------------------------------	--------

Environmental	Operating Temperature: 32 to 104°F / 5 to 40°C Storage Temperature: -4 to 113°F / -20 to 45°C Humidity: 0 to 90%, Non-Condensing
---------------	--

Dimensions	8.27 x 7 x 1.8" / 21 x 17.78 x 4.57 cm
------------	--

Weight	2.65 lb / 1.2 kg
--------	------------------

Packaging Info

Package Weight	3.31 lb
----------------	---------

Box Dimensions (LxWxH)	10.6 x 8.6 x 3.6"
------------------------	-------------------
